

# INTERNATIONAL SEARCH REPORT

International Application No

/CA2004/000911

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A61K31/222 A61K31/351 A61P9/06

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, BIOSIS, MEDLINE, EMBASE, WPI Data, CHEM ABS Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>KUMAGAI KOICHIRO ET AL: "The HMG-CoA reductase inhibitor atorvastatin prevents atrial fibrillation by inhibiting inflammation in the canine sterile pericarditis model."</p> <p>JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY, vol. 41, no. 6 Supplement A, 19 March 2003 (2003-03-19), page 90A, XP008036415</p> <p>&amp; 52ND ANNUAL SCIENTIFIC SESSION OF THE AMERICAN COLLEGE OF CARDIOLOGY; CHICAGO, IL, USA; MARCH 30-APRIL 02, 2003</p> <p>ISSN: 0735-1097</p> <p>the whole document</p> <p style="text-align: center;">----- -/--</p>	<p>1-4, 6-10, 12-16, 18-22, 24-26</p>

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*G\* document member of the same patent family

Date of the actual completion of the international search

6 October 2004

Date of mailing of the international search report

14/10/2004

Name and mailing address of the ISA

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International Application No  
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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with Indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 218 403 B1 (HERBERT JEAN MARC ET AL) 17 April 2001 (2001-04-17) column 5, line 21 - line 27 claim 8	1-26
A	US 4 578 400 A (MOCHIDA NOBUO ET AL) 25 March 1986 (1986-03-25) table 2 example 4	1-3
Y	RIDKER: "plasma homocysteine concentration" CIRCULATION, 2002, pages 1776-9, XP008036494 page 1776, column 1, paragraph 1 - column 2, paragraph 2	1-3, 6-9, 12-15, 18-21, 24-26
Y	CHUNG: "c-reactive protein elevation..." CIRCULATION, 2001, pages 2886-91, XP008036493 page 2887, column 1, paragraph 3 page 2889, column 1, paragraph 2 page 2890, column 1, paragraph 3	1-3, 6-9, 12-15, 18-21, 24-26
X		1-3, 6-9, 12-15, 18-21, 24-26
A	WEST M ET AL: "Risk factors for stroke and the effect of cholesterol-lowering therapy with pravastatin" JOURNAL OF HYPERTENSION, vol. 18, no. Suppl. 4, 2000, page S17, XP008036422 & 18TH SCIENTIFIC MEETING OF THE INTERNATIONAL SOCIETY OF HYPERTENSION; CHICAGO, ILLINOIS, USA; AUGUST 20-24, 2000 ISSN: 0263-6352 the whole document	
P,A	CHEN, JIANGUANG ET AL: "Pravastatin prevents arrhythmias induced by coronary artery ischemia/reperfusion in anesthetized normocholesterolemic rats" JOURNAL OF PHARMACOLOGICAL SCIENCES (TOKYO, JAPAN) , 93(1), 87-94 CODEN: JPSTGJ; ISSN: 1347-8613, 2003, XP008036429 page 89, column 2, paragraph 3 page 91, column 1, paragraph 1 - column 2, paragraph 2 page 92, column 2, paragraph 2	

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P,A	AKAHANE TAKEMI ET AL: "Atrial fibrillation induced by simvastatin treatment in a 61-year-old man." HEART AND VESSELS, vol. 18, no. 3, July 2003 (2003-07), pages 157-159, XP008036410 ISSN: 0910-8327 page 157, column 1, paragraph 1 - column 2, paragraph 1	
P,X	SHIROSHITA-TAKESHITA AKIKO ET AL: "Differential efficacy of drugs with antioxidant properties on atrial fibrillation promotion by atrial tachycardia remodeling in dogs." CIRCULATION, vol. 108, no. 17 Supplement, 28 October 2003 (2003-10-28), pages IV-148, XP008036418 & AMERICAN HEART ASSOCIATION SCIENTIFIC SESSIONS 2003; ORLANDO, FL, USA; NOVEMBER 09-12, 2003 ISSN: 0009-7322 the whole document	1-26
P,X	SIU C-W ET AL: "Prevention of atrial fibrillation recurrence by statin therapy in patients with lone atrial fibrillation after successful cardioversion" AMERICAN JOURNAL OF CARDIOLOGY 01 DEC 2003 UNITED STATES, vol. 92, no. 11, 1 December 2003 (2003-12-01), pages 1343-1345, XP008036412 ISSN: 0002-9149 page 1343, column 1, paragraph 1 page 1344, column 2, paragraph 1	1-3,6-9, 12-15, 18-21, 24-26
P,X	KUMAGAI K ET AL: "The HMG-CoA reductase inhibitor atorvastatin prevents atrial fibrillation by inhibiting inflammation in a canine sterile pericarditis model" CARDIOVASCULAR RESEARCH 01 APR 2004 NETHERLANDS, vol. 62, no. 1, 1 April 2004 (2004-04-01), pages 105-111, XP008036414 ISSN: 0008-6363 page 109, column 2, paragraph 2	1-4, 6-10, 12-16, 18-22, 24-26
P,A	DERNELIS: "relationship between c reactive protein concentrations..." EUR. HEART J., 2004, pages 1100-7, XP008036504 page 1100, column 1 page 1106, column 2, paragraph 1 - paragraph 2	1-3

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## Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.:  
because they relate to subject matter not required to be searched by this Authority, namely:  
Although claims 1-26 are directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.
2. ☐ Claims Nos.:  
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

## Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

### Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 6218403	B1	17-04-2001	FR 2751540 A1 30-01-1998
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			AU 725949 B2 26-10-2000
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